

[English Translations]

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NOTICE OF OFFICE ACTION
KOREAN INTELLECTUAL PROPERTY OFFICE (KIPO)

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APPLICATION NO. 10-2003-0013198

TITLE OF THE INVENTION CODING METHOD FOR MOVING PICTURE

An Office Action is issued for the subject application pursuant to Article 63 of the Patent Law. A response or an amendment if needed may made by no later than the above indicated deadline. The above-prescribed time limit may be extended for a period of one month and a notification for grant of extension of time limit will not be issued.

[Reason]

1. This application is unpatentable under the article 42(4)(ii) of the Korean Patent Act because descriptions of claims lack the formal requirements as indicated below.

2. This application is unpatentable under the article 29(2) of the Korean Patent Act, because the inventions described in claims 18 through 29 could easily have been made before the filing of a patent application by those skilled in the art as pointed out below.

[Below]

1. Regarding claims 18-29 of the present application, judging from the expressions such

as 'for decoding field macroblock', claims are considered to mean that a reference picture is selected for a decoding process. However, an encoder transmits a reference picture index used for motion compensation to a decoder, and the decoder is supposed to perform motion compensation based upon the reference picture pointed out by the reference picture index. It is not comprehensible for the decoder to newly select a reference picture instead of using the reference picture pointed by the reference picture index transmitted from the encoder. Therefore, claims are not considered to describe the invention clearly enough for those skilled in the art to easily make and use the invention. (Article 42(4)(ii) of the Patent Act)

2. The invention described in claims 18 through 29 of the present application relates to a method of selecting reference picture. The invention is characterized in selecting a reference picture from a reference picture list using reference picture index information, wherein whether it is top or bottom field and the parity is determined depending upon the index information (even or odd).

Meanwhile, JVT of ISO/IEC MPEG and ITU-T VCEG Working Draft Number 2, Revision 8 (January 29 – February 1, 2002, hereinafter 'reference 1') discloses reference picture selection, remapping of picture number, index order and reference picture index for field and frame, and illustrates a mechanism for the assignment of reference picture.

Comparing the present invention with the reference 1, it is the same in that they commonly assign index to multiple reference pictures. The feature of determining top, bottom and parity etc. of the present invention is disclosed in the reference 1, more specifically determining parity(same or opposite) according to top, bottom field and even/odd field is publicly known from Recommendation ITU-T H.262 (1995, hereinafter reference 2).

Therefore, the inventions described in claims 18 through 29 could easily have been made from the reference 1 and 2 by those skilled in the art. (Article 29(2) of the Korean Patent Act)

[Attachments]

1. JVT of ISO/IEC MPEG and ITU-T VCEG Working Draft Number 2, Revision 8
(January 29 – February 1, 2002)
2. Recommendation ITU-T H.262 (1995)

September 30, 2005

KOREAN INTELLECTUAL PROPERTY OFFICE
DIVISION OF ELECTRICAL AND ELECTRONICS
SUBDIVISION OF IMAGE PROCESSING DEVICES
EXAMINER KYUN-SOO KIM